WE CLAIM AS OUR INVENTION:

1.   A medical system architecture comprising:

a modality for acquiring examination images;

a processor connected to said modality for processing said examination images;

a transmission system connected to said processor for transmitting said examination images to a location remote from said processor;

a memory connected to said transmission system for storing said examination images; and

said processor being programmed as an RIS client for exchanging text messages and for displaying an RIS client window and for creating RIS interaction masks, and said workstation having a network connection to an RIS server for communicating with said RIS client.

2.   A medical system architecture as claimed in claim 1 wherein said processor comprises RIS client software for processing said examination images.

3.   A medical system architecture as claimed in claim 2 wherein said processor includes general operating software, and wherein said RIS client software is integrated into said general operating software.

4.   A medical system architecture as claimed in claim 2 wherein said processor includes a user interface, and wherein said RIS client software is integrated into said user interface.

5.   A medical system architecture as claimed in claim 2 wherein said processor includes platform software, and wherein said RIS client software is integrated into said platform software.

6. A medical system architecture as claimed in claim 1 wherein said processor has a monitor, and wherein said processor is programmed for displaying said examination images on said monitor and for mixing said RIS client window into a display on said monitor next to said examination images.

7. A medical system architecture as claimed in claim 6 wherein said processor displays an icon on said monitor with which said RIS client window can be opened.

8. A medical system architecture as claimed in claim 1 wherein said processor includes a user interface, and wherein said RIS client has a task card allocated thereto on said user interface.

9. A medical system architecture as claimed in claim 1 wherein a workflow associated with acquiring and processing and processing said examination images is controlled by said RIS client for automatic information transmission.

10. A medical system architecture as claimed in claim 1 wherein said processor functions as a control console for said modality, and wherein said RIS client supplies data for analyzing said examination images.

11. A medical system architecture as claimed in claim 1 wherein said RIS client comprises a statistics module for evaluating data associated with said examination images.